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DPD-6714-59

6 October 1959

MEMORANDUM FOR: Acting Chief, DPD-DD/P

SUBJECT : Malfunction Report, Period Ending 30 September 1959

1. The following malfunction information is presented for the period ending 30 September 1959:

I. Communications

A. Detachment "B"

1. System III. Two failures of the third local oscillator board discriminator. One failure was on Mission 8638.
2. System VI. One instance of jammed tape and one instance of loss of the 3KC marker tone were reported.
3. SYstem VII. During Mission 4137 a blower motor in a power supply failed which caused several components to overheat and burn out.

B. Detachment "C"

Failure of the System III and VI on Missions 6037, 6038, 6042, and 6044. Only partial success was reported on Mission 6040. Total equipment malfunctions were 8 each recorders, 6 each third local oscillator boards, 2 each info amplifier power supplies, 1 each distributed amplifier and 1 each timer. The reason for the malfunctions was based on turning the equipment on at altitude, a procedure which has been standard at Detachment "B" for this equipment.

II. Photographic Equipment

- A. During the period 1 September 1959 through 30 September there were a total of twenty-two missions reported flown using photographic equipment. Equipments malfunctioned on two of these missions giving an overall effectiveness of 91%.

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DPD-6714-59
PAGE TWO

II. Photographic Equipment (Cont'd)

B. Equipment reliability for the above referenced period was:

	<u>A-1 Conf.</u>	<u>A-2 Conf.</u>	<u>B Conf.</u>	<u>Trackers</u>
Missions Flown	0	3	12	21
Malfunctions	0	0	0	2
Per Cent Eff.	0	100%	100%	90.05%

C. On Mission No. CT-59-56 the tracker, SR-9, was damaged and was returned to the depot for repairs and overhaul.

25X1A

Chief, Materiel Branch
DPD-DD/P

25X1A

MB/DPD-DD/P [REDACTED] mrs

Dist: 0 - A/CH/DPD
1 - DD/P
1 - C/OPS/DPD
1 - C/MAT/DPD
1 - RI/DPD

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